

REMARKS

Applicants thank the Examiner for the very thorough consideration given the present application.

By this replay, claims 1, 24 and 26 are hereby amended. No new matter is hereby added. Accordingly, claims 1, 3, 5-7, 10, 12, 13, 24 and 26-29 are currently pending for examination. Reexamination and reconsideration of the pending claims is respectfully requested.

Rejections under 35 U.S.C. §103

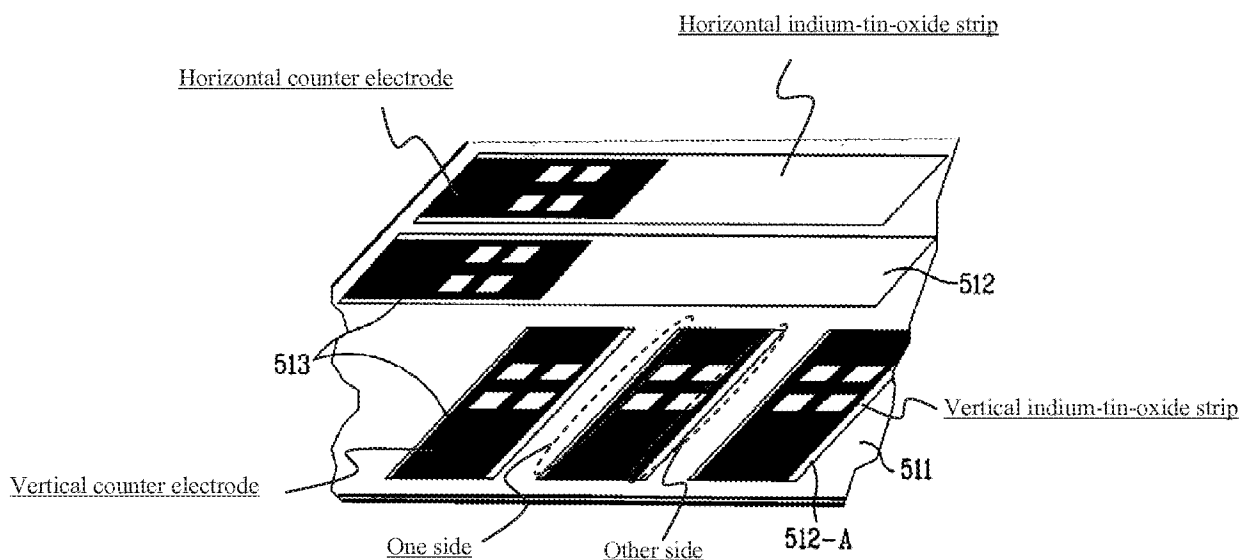
Claims 1, 3, 5-7, 10, 12, 13, 24, 26 and 27-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art (AAPA), in view of Fleming et al (U.S. 6,111,357), further in view of Kim et al. (US 2002/0014837). A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

This rejection is respectfully traversed.

Applicants respectfully submit that Fleming does not anticipate claim 1 as amended.

Independent claim 1 has been amended to positively recite a combination of features including, *inter alia*, "wherein the indium-tin-oxide strip includes a plurality of horizontal indium-tin-oxide strips and a plurality of vertical indium-tin-oxide strips; wherein the plurality of the horizontal indium-tin-oxide strips are longer than the plurality of the vertical indium-tin-oxide strips; wherein the counter electrode includes a plurality of horizontal counter electrodes and a plurality of vertical counter electrodes; wherein each of the horizontal counter electrodes is formed on each of the horizontal indium-tin-oxide strips; wherein each of the vertical counter electrodes is formed on each of the vertical indium-tin-oxide strips; wherein the each vertical

counter electrodes is positioned *closer to a one side of the each vertical indium-tin-oxide strip* more than other side of each vertical indium-tin-oxide strip; wherein the one side of one of the vertical indium-tin-oxide strips faces directly toward the other side of other one of the vertical indium-tin-oxide strips; wherein the one of the vertical indium-tin-oxide strips is adjacent to the other one of the vertical indium-tin-oxide strips.”(emphasis added).



[Fig. 5B of present invention]

As shown in Fig. 5B, the vertical counter electrode is positioned *closer to a one side of the vertical indium-tin-oxide strip* more than other side of the vertical indium-tin-oxide strip.

When the vertical counter electrode is positioned as shown in Fig. 5B, an exposed portion of the vertical indium-tin-oxide strip become increased. Therefore, the amount of ultra violet ray transmitting the vertical indium-tin-oxide strip increases, and the amount of the ultra violet ray supplied to the sealant is increased compared to the prior art. Accordingly, the tact time for hardening the sealant is reduced.

None of cited references including the newly cited reference Kim et al., singly or in combination, does not teach or suggest the feature of claim 1.

Similarly, Independent claim 6 has been amended to positively recite a combination of features including, *inter alia*, “wherein the indium-tin-oxide strip includes a plurality of horizontal indium-tin-oxide strips and a plurality of vertical indium-tin-oxide strips; wherein the plurality of the horizontal indium-tin-oxide strips are longer than the plurality of the vertical indium-tin-oxide strips; wherein the counter electrode includes a plurality of horizontal counter electrodes and a plurality of vertical counter electrodes; wherein each of the horizontal counter electrodes is formed on each of the horizontal indium-tin-oxide strips; wherein each of the vertical counter electrodes is formed on each of the vertical indium-tin-oxide strips; wherein the each vertical counter electrodes is positioned closer to a one side of the each vertical indium-tin-oxide strip more than other side of each vertical indium-tin-oxide strip; wherein the one side of one of the vertical indium-tin-oxide strips faces directly toward the other side of other one of the vertical indium-tin-oxide strips; wherein the one of the vertical indium-tin-oxide strips is adjacent to the other one of the vertical indium-tin-oxide strips.” (*emphasis added*).

Similarly, Independent claim 24 has been amended to positively recite a combination of features including, *inter alia*, “wherein the first electrode includes a plurality of horizontal first electrodes and a plurality of vertical first electrodes; wherein the plurality of the horizontal first electrodes are longer than the plurality of the vertical first electrodes; wherein the counter electrode includes a plurality of horizontal counter electrodes and a plurality of vertical counter electrodes; wherein each of the horizontal counter electrodes is formed on each of the horizontal

first electrodes; wherein each of the vertical counter electrodes is formed on each of the vertical first electrodes; wherein the each vertical counter electrodes is positioned closer to a one side of the each vertical first electrode more than other side of the each vertical first electrode; wherein the one side of one of the vertical indium-tin-oxide strips faces directly toward the other side of other one of the vertical indium-tin-oxide strips; wherein the one of the vertical indium-tin-oxide strips is adjacent to the other one of the vertical indium-tin-oxide strips.” (*emphasis added*).

Accordingly, independent claims 1, 6 and 24, and their dependent claims 3, 5, 7, 10, 12, 13 and 26-29 (due to the dependency) are patentable over the references, and reconsideration and withdrawal of this rejection are respectfully requested.

In view of the foregoing, Applicants believe that this application is now in condition for allowance and therefore requests favorable consideration and prompt allowance of the pending claims.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0310. Please credit any overpayment to deposit Account No. 50-0310.

Respectfully submitted,

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By: _____

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